



Integrated Photonic Devices and Circuits

Position description

We are seeking for a talented and dedicated researcher to join our institute and work in the exciting field of Integrated Photonic Devices and Circuits. The candidate should have experience in designing, fabricating and characterizing integrated photonic devices. The ideal candidate should employ standard nanofabrication techniques to realize photonic devices on various substrates. Work with cleanroom facilities to fabricate integrated photonic circuits, ensuring precision and reproducibility, with emphasis on Silicon substrates and technology. Develop and optimize designs for integrated photonic devices and circuits using simulation tools. Utilize simulation software for modeling and optimizing the performance of photonic components.

Consideration will be given to researchers with experience in leading research institutions abroad, with a significant number of publications as first and corresponding author, and who have clearly demonstrated the ability to attract and manage competitive grants.

Keywords: Silicon Photonics, photonic devices, photonic circuits, photonic sensors, micro/nano fabrication, device characterisation

Level of Position: Assistant Professor or Research (C level researcher). (In exceptional cases of candidates B level (Associate) may be discussed before opening the position.